

Practitioner's Docket No. 2002DE313

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Karl-Ernst Mack et al.

Application No.: 10/659,590

Group No.: 1621

Filed: September 10, 2003

For: Method for the Nuclear Chlorination of Ortho-Xylene

Commissioner for Patent
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

CERTIFICATION UNDER 37 C.F.R. Sections 1.8(a) and 1.10*
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Dear Sir:

In accordance with the duty of disclosure provisions of 37 CFR §1.56, there is hereby provided certain information which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the subject application. No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than search report(s) from a counterpart foreign application or a PCT International Search Report, if submitted herewith).


1. ☒ Enclosures accompanying this Information Disclosure Statement are:
 - 1a. ☒ Form PTO-1449.
 - 1b. ☒ Copies of Information Disclosure Statement citations.
 - 1c. ☐ PCT Search Report
 - 1d. ☐ Copies of Co-pending U.S. Applications.
2. ☐ This Information Disclosure Statement is filed under 37 CFR §1.97(b) with the filing of the U.S. patent application. Accordingly, no fee or §1.97(e) Statement is required.
3. ☐ This Information Disclosure Statement is filed under 37 CFR §1.97(b) before the latter of three months after the U.S. patent application filing date or the first Office Action on the merits. Accordingly, no fee or §1.97(e) Statement is required.
4. ☒ This Information Disclosure Statement is filed under 37 CFR §1.97(c) after the first Office Action on the merits, but before a Final Office Action or a Notice of Allowance. The \$180.00 fee set forth in 37 CFR §1.17(p) in accordance with 37 CFR §1.97(c) is to be charged to Deposit Account No. 03-2060.
5. ☐ This Information Disclosure Statement is filed under 37 CFR §1.97(e) in that each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. Accordingly, no fee is required.
6. ☐ This Information Disclosure Statement is filed in conjunction with a Request For Continued Examination. Accordingly, no fee or §1.97(e) Statement is required.

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7. ☐ The English language documents identified by reference in the TRANSLATION Section of the foreign patents list of the attached 1449 Form are believed to be a concise statement, or the equivalent or substantial equivalent to the foreign language documents cited in the attached 1449 Form.
8. ☐ In addition to the documents cited, the Office's attention is directed to the following co-pending U.S. Application Serial Number(s), copies of which are attached for the convenience of the Office:
9. ☒ The document entitled "DL-Hydroxylysine and DL-Allohydroxylysine and their Lactone" submitted in the IDS of 11/11/2003 discloses hydrodechlorination of polychlorinated benzene derivatives reactions in liquid phase using Raney Nickel and hydrogen.

Respectfully submitted,



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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (37 CFR 1.98(b))	ATTY. DOCKET NO. 2002DE313	SERIAL NO. 10/659,390
	APPLICANT: Karl-Ernest Mack et al.	
	FILING DATE: 9/10/03	GROUP: 1621

U.S. PATENT DOCUMENTS

Examiner Initial	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date if Appropriate
AA						
AB						
AC						

FOREIGN PATENT OR PUBLISHED FOREIGN APPLICATION

	DOCUMENT NUMBER	PUB. DATE	COUNTRY			TRANSLATION
BA						
BB						
BC						
BD						

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication**)

CA	Ullmann's Encyclopedia of Industrial Chemistry, 5 th ed., vol. A6, p. 343 (1985)
CB	
CC	
CD	
CE	
CF	
CG	
CH	
CI	
EXAMINER	
DATE CONSIDERED	
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	